PROJECT DESCRIPTION

This project involves the installation of a new traffic control signal at the intersection of US 50 and Ocean Landing Entrance in Worchester County, Maryland.

II. INTERSECTION OPERATION

EΑ

US 50 is considered to run in an east/west direction.

The intersection is to operate in NEMA three (3) phase, full-traffic-actuated mode. There will be an exclusive left turn phase for the westbound movement of US 50. The US 50 through movements will operate concurrently. The Ocean Landing Entrance

An eight phase, full-traffic-actuated, solid state digital controller with intersection monitor and harness, battery back-up, and two 4-channel rack mounted time delay output loop detector amplifiers housed in a base mounted cabinet are to be installed at this location.

CONTACT LIST

The contact persons for District *1 are as follows:

Mr. Donnie Drewer Mr. James Wright District Engineer Assistant District Engineer - Maintenance 410-543-6715 410-543-6715

Mr. Gene Cofiell Assistant District Engineer - Traffic 410-543-6715

Mr. Bruce Poole

410-787-7630 The Power Company Representative is: Assistant District Engineer - Utility

Mr. Richard L. Daff

Conectiv Power Delivery Mr. Vance Elbert 2530 N. Salisbury Blvd. Salisbury, Maryland 21802 410-860-6380

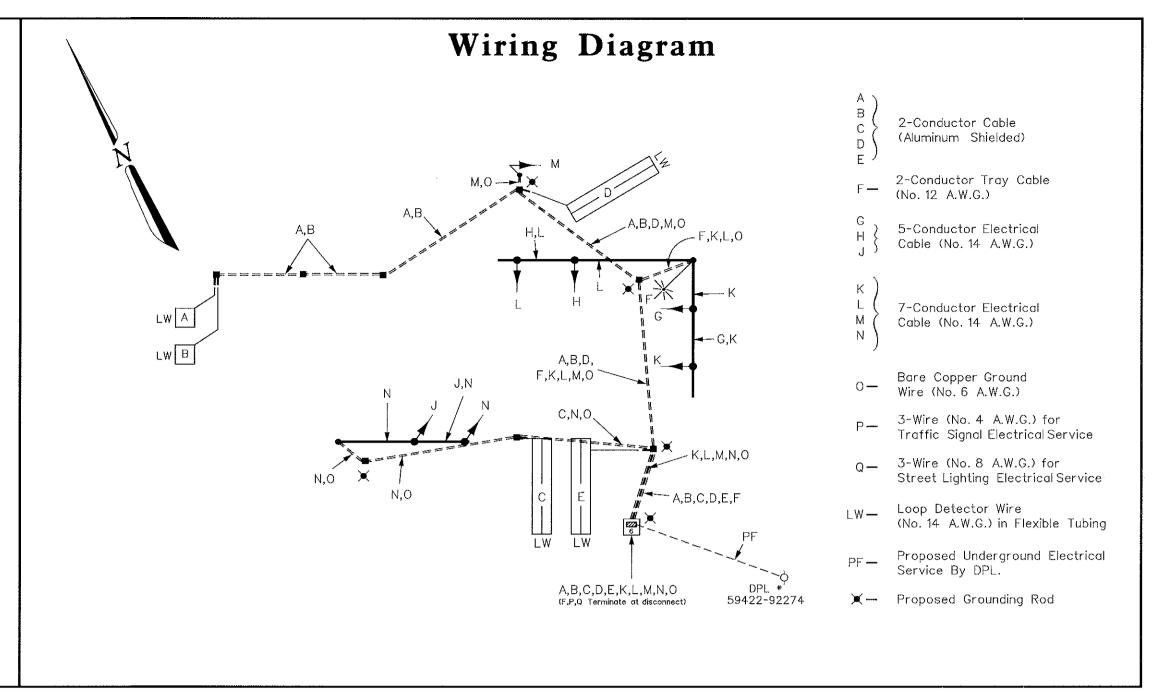
Chief, Traffic Operations Division

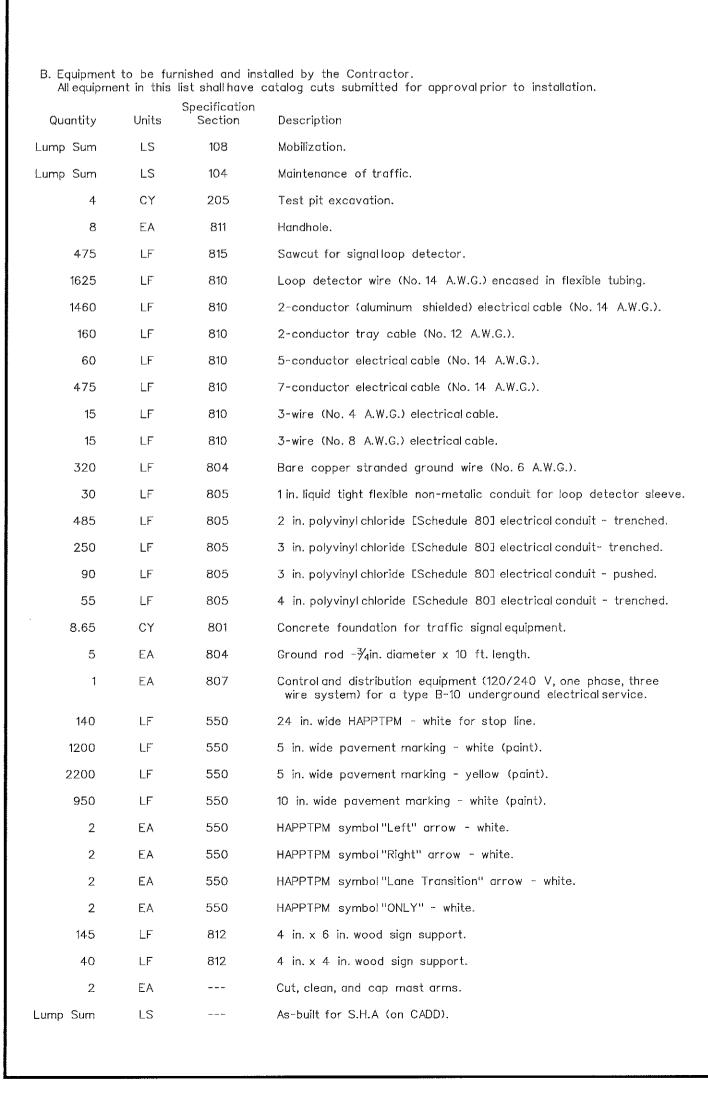
EQUIPMENT LIST

A. Approved S.H.A. equipment to be purchased by the Developer and installed by the Contractor. All equipment in this list shall have catalog cuts submitted for approval

prior to installation.							
Quantity	Units	Specification Section	Description	Quantity	Units	Specification Section	Description
1	EA	818	27 ft. steel mast arm pole with 50 ft. mast arm [Note: four 1-3/4 in. x 90 in. anchor bolts].	1	EA	813	30 in. x 24 in. W 9-2(3) sign for ground mounting.
4	□ A	040	07 (1 -111	1	EA	813	12 in. x 36 in. R 6-1(L) sign for ground mounting.
ı	EA	818	27 ft. steel twin mast arm pole with a 60 ft. and 50 ft. mast arms [Note: four 2 in. x 90 in. anchor bolts].	1	EA	813	30 in. x 30 in. R 5-1 sign for ground mounting.
1	EA	818	14 ft. steel pedestal pole with break away transformer base [Note: four 1 in, X 40 in, anchor bolts].	1	EA	813	18 in. x 24 in. R 4-7 sign for ground mounting.
				2	EA	813	18 in. x 18 in. W 16-1 sign for ground mounting.
1	EA	816	Standard S.H.A. traffic signal controller, base mounted cabinet, and two 4-channel rack mounted loop detector amplifiers ENote: Controller and cabinet shall be supplied by Econolite and delivered to the S.H.A. signal shop for wiring and testing. Contact Mr. Ed Rodenhizer at (410) 787-7650].	1	EA	813	36 in. x 36 in. W 4-2(R) sign for ground mounting.
				1	EA	813	18 in. x 60 in. M 95-1 sign with mast arm mounting hardware.
				1	ĒΑ	813	42 in. x 30 in. regulatory sign for ground mounting.
6	ËΑ	814	12 in., one-way, three section (R,Y,G) adjustable traffic signal head with mast arm mounting hardware and tunnel visors.	1	EA	806	20 ft. luminaire arm.
				1	EA	806	250 W H.P.S. lamp and luminarie.
1	EA	814	12 in., one-way three section (RA,YA,GA) optically programmable adjustable traffic signal head with post top mounting hardware and tunnel visors.				
2	EA	813	48 in. x 48 in. W 3-3 "NEW" sign for ground mounting.				
1	EA	813	48 in \times 48 in. W 4-1(L) sign for ground mounting.				

Phase Chart Phase 1 1 Change G — R R R R Phase 2 2 Change -----R-----R G G Phase 4 R **⊸**R----RYY 4 Change FL/Y FL/Y FL/ Flashing FL/R FL/R FL/R FL/R Operation





48 in x 48 in. W 4-2(L) sign for ground mounting.

48 in x 48 in. W 9-2(2) sign for ground mounting.

